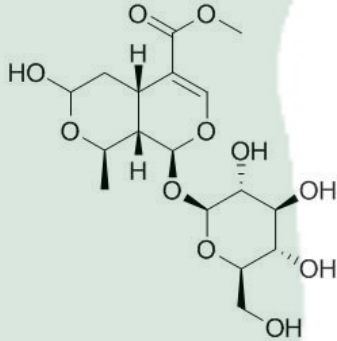


PRODUCT ID	E-0637	Structure 
PRODUCT	Morroniside / 莫诺昔 (莫诺忍冬苷)	
STANDARD TYPE	Quantitative Reference Material (含量测定)	
LOT NUMBER	18041042	
ASSAY METHOD	HPLC,MS,NMR	
DATE OF SAMPLE	2018-04-10	
DATE OF REPORT	2018-04-10	

OTHER NAME NA
CHEMICAL FORMULA C₁₇H₂₆O₁₁
MOLECULAR WEIGHT(MW) 406.38
CAS NUMBER 25406-64-8
CHEMICAL FAMILY Iridoids

ANALYTICAL RESULT

TEST	METHOD	SPECIFICATION	RESULT
HPLC	Q/TFFK165—2007	NLT ≥97.0%	97.9%
NMR		Conforms	Conforms
MS		Conforms	Conforms
Residual Solvent	Q/TFFK165—2007	NA	ND
Water	Q/TFFK165—2007	≤2%	Conforms
Appearance		white powder	Conforms

STORAGE CONDITIONS

STORAGE

Refer to the label

SHELF LIFE

2 Years

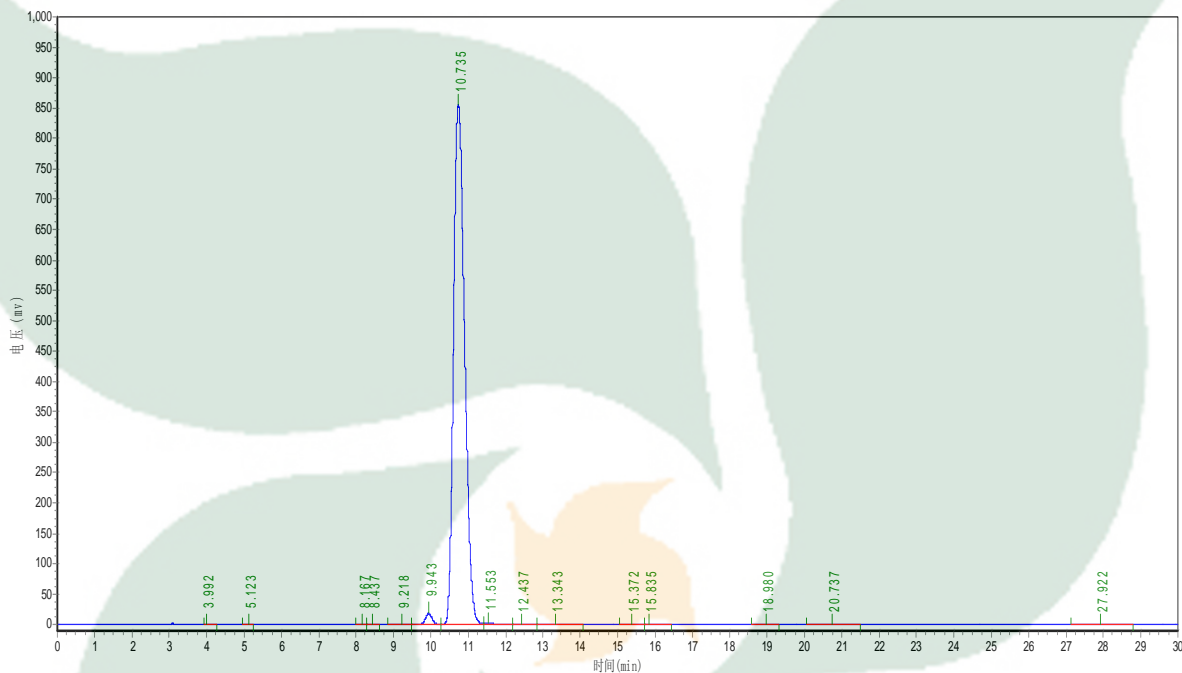
Analyst

Checker

Manager

Product Analysis Report

Product Name: Morroniside **Chrom-Column:** Arcus C18
Lot Number: 18041042 **Mobile Phase:** ACN:0.1%H3PO4(10:90)
Temperature: 25°C **Wavelength:** 240nm
Detect Time: 2018-04-10 **Inject Vol:** 20ul
Sample dissolution: 10%MeOH **Flow:** 1.0ml/min



No.	Ret.Time min	Height mAU	Area mAU*min	Rel.Area %
1	3.992	1284.878	4593.400	0.0259
2	5.123	105.710	607.000	0.0034
3	8.167	124.512	1285.609	0.0072
4	8.437	377.439	3845.827	0.0216
5	9.218	678.085	8753.913	0.0493
6	9.943	18688.076	239649.578	1.3487
7	10.735	854718.000	17403244.000	97.9452
8	11.553	2426.260	49199.090	0.2769
9	12.437	1065.427	19870.689	0.1118
10	13.343	279.929	9394.204	0.0529
11	15.372	538.042	9385.918	0.0528
12	15.835	66.122	1225.356	0.0069
13	18.980	65.705	1382.650	0.0078
14	20.737	248.000	6087.400	0.0343
15	27.922	317.189	9820.100	0.0553